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(21) International Application Number: PCT/US99/05766 (22) International Filing Date: 16 March 1999 (16.03.99) (30) Priority Data: 09/061,709 17 April 1998 (17.04.98) US (71) Applicant: LUDWIG INSTITUTE FOR CANCER RE- SEARCH [CH/US]; 605 Third Avenue, New York, NY 10103 (US). (72) Inventors: CHEN, Yao-Tseng; 525 East 68 Street, New York, NY 10021 (US). GURE, Ali; 1275 York Avenue, New York, NY 10021 (US). TSANG, Solam; 1275 York Avenue, New York, NY 10021 (US). STOCKERT, Elisabeth; 1275 York Avenue, New York, NY 10002 (US). JAGER, Elke; Steinbacher Hohl 2-28, D-60488 Frankfurt am Main (DE). KNUTH, Alexander; Steinbacher Hohl 2-28, D-60488 Frankfurt am Main (DE). OLD, Lloyd, J.; 605 Third Avenue, New York, NY 10021 (US). (74) Agent: HANSON, Norman, D.; Fulbright & Jaworski LLP, 666 Fifth Avenue, New York, NY 10103 (US).	(81) Designated States: AU, CA, CN, JP, KR, NZ, ZA, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published With international search report.	
(54) Title: ISOLATED NUCLEIC ACID MOLECULE ENCODING CANCER ASSOCIATED ANTIGENS, THE ANTIGENS PER SE, AND USES THEREOF (57) Abstract The invention relates to newly identified cancer associated antigens, referred to as CT7, KOC-2 and KOC-3. The invention also relates to observations regarding known molecule KOC-1. It has been discovered that each of these molecules provokes antibodies when expressed by a subject. The ramifications of this observation are also a part of this invention.		

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